

THE IBIS.

SEVENTH SERIES.

No. XXIV. OCTOBER 1900.

XXXVII.—*On the Birds collected by Capt. A. W. S. Wingate in South China.* By W. R. OGILVIE GRANT.

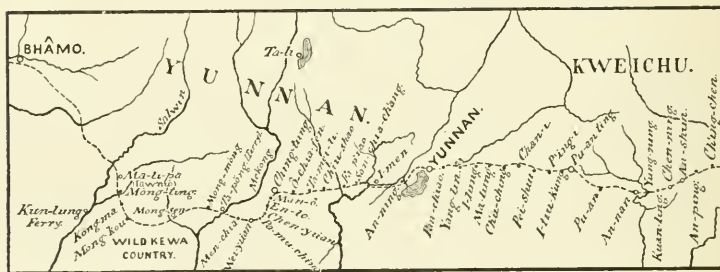
(Plate XII.)

TOWARDS the end of September 1898, Capt. A. W. S. Wingate started from Shanghai on his adventurous journey through Southern China to Bhâmo, a distance of 2360 miles by the route followed. On arriving at Hankau, on the Yang-tse-Kiang, he chartered a boat and engaged a couple of Chinese servants, one of these being a taxidermist named Wang, with whose assistance Capt. Wingate made an interesting and valuable collection of zoological specimens, which he has most generously presented to the British Museum. Over 150 specimens of birds were obtained, and form the subject of the present paper.

Capt. Wingate says*: "The collection of these afforded considerable amusement to the Celestials, who thought that I wanted the birds and fish to eat, the insects and snakes for medicines, and the shells as charms. The Chinese are very fond of birds, and in Peking every other man carries one about the streets. They train them to fly high in the air and return to their master's cage. They have 'gym-khanas' for their birds, and the one that flies highest wins the bets. They don't like people killing small birds."

* 'Things Chinese,' a lecture read 3rd October, 1899, before the United Service Institution of India.

From an exploration point of view, the journey only commenced at Yo-chu, a new treaty port at the entrance to the Tung-ting Lake. Skirting the south of this magnificent sheet of water, Capt. Wingate traversed Hunan, following the course of the Yuan River to its commencement at Chien-yang, and proceeded thence along its northern confluent, the Wu-ho, as far as Chen-yüan, which was reached at the end of December. Through Kweichu and Yunnan, his line of march lay nearly due west, past the cities of Kwei-yang, Pu-an-ting, Yunnan, and Ching-tung. After crossing the Upper Mekong River into the Kewa country, Capt. Wingate continued his western course as far as a place called Mong-kou; but there he found his way barred by hostile tribes, and



was obliged to turn north and make for Bhâmo, which was reached on the 20th April. From the interesting account of his journey recently published in the 'Geographical Journal'*, I quote the following passages:—

"No sketch has, I believe, ever been made, nor have levels been taken, along this route from Yo-chu to Kwei-yang city; and about 400 to 500 miles are in absolutely new country, especially some 200 miles between Yunnan city and Ching-tung, *viâ* I-men; and, again, portions of my route from the Ching-tung valley to Ma-li-pa, or Tawnio, as the English maps have it.

"The Tung-ting lake is a splendid sheet of water, although very shallow (but in no sense a marsh, as sometimes described)

* Vol. xiv. no. 6, pp. 639-646 (December, 1899).

during six months of the year. There can be no doubt that it is slowly and very gradually filling up, especially in the northern half, where the waters of the Yangtse river bring down vast quantities of silt, which is deposited, as the current is checked, on meeting the water of the lake

“The country between I-men (a place three marches southwest of Yunnan city) and Ching-tung is terribly fatiguing to travel over—a continual up and down 2000 to 4000 feet every two days’ march. The highest point crossed by me during this portion of the route (and, indeed, during the whole journey from Hankau to Bhâmo) was just east of the Ching-tung valley, where the road reached 8400 feet, and the highest peaks of the range were probably 10,000 feet



above sea-level. The next highest range was crossed just west of I-men, at about 8000 feet, the highest peaks being 1000 to 2000 feet above the pass. Taking a bee-line from Yunnan city to Kun-lung ferry, on the Salwin river, I should put the *average* height of the more important ranges at from 7000 to 8000 feet, and the *average* depth of the main river-beds below the general level of the plateau 2500 to 3000 feet.

“In Hunan and Eastern Kwei-chu I encountered considerable opposition from the people, who objected to my plane-tabling and photographing; but we never came to blows, and, all things considered, except in three or four towns, they behaved fairly well. Chen-yüan district is one of the most disturbed and rowdy. In Kwei-chu and Yunnan no difficulty was encountered, so far as the people were

concerned. They did not seem to care much what we did or where we went.' It is quite easy and safe for foreigners to travel in these latter parts. . . .

"There can be no doubt that the valleys of the great rivers west of Yunnan city and south of the Yunnan-Bhâmo trade-route are extremely unhealthy. I and all my followers enjoyed excellent health until we got west of I-men. From that place onward, until we had crossed the Salwin, we were constantly prostrated by malarial fever, and suffered great lassitude and depression when camped in the valley bottoms: a thing we avoided doing as much as possible. The valley of the Papien is among the worst in this respect. . . .

"It was my original intention to have kept as near as possible in a bee-line from Shanghai to Mandalay; but on arrival at a place called Mông-kou, south-east of Kun-lung ferry, I found some savage tribes called 'Ke-wa' (nearly allied to the Nagas of the hills south of the Assam valley), who objected to my traversing their country, so I was obliged to turn northward, and direct my footsteps to Bhâmo instead. . . .

"To those interested in the geography of China, it may be worth noting that, while the distance between Hankau and Bhâmo along the route followed by me is, according to the best maps of China, roughly 1500 miles, the actual distance traversed, according to my sketch, is some 2360 miles.

"Again, the distance from I-men to Ching-tung is shown on the maps as about 75 miles; I found we had to walk nearer 200 miles, which occupied us nine hours a day for ten days, excluding halts. . . .

"The following may prove of interest. During the journey from Hankau to Bhâmo, between November 8, 1898, and April 20, 1899, the thermometer ranged from 30° to 92° Fahr. in the shade. We experienced every kind of weather from bright clear sunshine and cloudless skies to dull dark days, accompanied by fogs, mist, rain, snow, sleet, hail, frost, cold bleak winds, or hot fiery blasts. On the whole, except Manchuria, and perhaps Kashmir, I know no part of Asia so suited to the people of Western nations for prolonged



Monteorn Bros imp.

MERGANSER SQUAMATUS

G. E. Lodge

G. E. Lodge del et lith.

residence as the hills in the west of Hunan and the plateau of Kwei-chn and Yunnan.

“We had travelled from Hankau to Bhâmo, about 2360 miles, of which about 880 were by water, and the rest, 1480, by land. Excluding halts, we managed $13\frac{1}{2}$ miles a day by boat against the current and with numberless rapids, over each of which it required from fifteen to twenty trackers to haul the boat; and by road we averaged $18\frac{1}{4}$ miles a day, including halts. We were 130 days actually on the march by river and road. During that portion of the journey between Kwei-yang and Bhâmo, we went up and down over 2000 feet more than twenty times; while on eight occasions we went down 3000 feet and up again a similar height in a distance of only 10 miles. These figures speak for themselves, and give some idea of the very mountainous character of the Kweichu and Yunnan provinces.

“There is a fine field for the scientific explorer and for the artist and sportsman in Hunan and Kweichu; the rivers of the former province would delight the fisherman’s heart.”

Capt. Wingate’s collection includes examples of three species hitherto undescribed, viz.: *Phylloscopus subaffinis*, *Siva wingatii*, and *Sitta yunnanensis*; and of a like number of species not represented in the British Museum Collection, viz.: *Malacias desgodinsi*, *Proparus bieti*, and *Palæornis salvadorii*. Among other rarities included in the present collection, I would draw especial attention to a pair of the splendid Merganser *Merganser squamatus*, figured on Plate XII. by Mr. G. E. Lodge, and hitherto known only from a young male described by Gould in 1864; the rare Babbling-Thrush, *Babax lanceolatus*; an equally scarce Hill-Tit, *Schœniparus genestieri*; and, lastly, the hitherto unknown male of the rare Kestrel *Cerchneis saturata*.

I now give a list of the species of which specimens were obtained by Capt. Wingate, and add the exact localities and some of the collector’s field-notes.

I. CORVUS TORQUATUS.

Corvus torquatus Less.; Sharpe, Cat. B. Brit. Mus. iii. p. 21 (1877); David & Oustal. Ois. Chine, p. 368 (1877).

a. ♂ ad. Yuan River, near Lake Tung-ting, Hunan,
21 November, 1898.

Iris dark brown.

Very common about Lake Tung-ting.

2. *UROCISSA ERYTHORHYNCHA*.

Urocissa erythrorhyncha (Gm.); Sharpe, Cat. B. Brit. Mus.
iii. p. 21 (1877).

Urocissa sinensis David & Oustal. Ois. Chine, p. 375, pl. 83
(1877).

a. ♂ ad. Chien-yang, Yuan River, South-west Hunan,
14 December, 1898.

Iris yellow. Total length 18 inches.

3. *DENDROCITTA HIMALAYENSIS*.

Dendrocitta himalayensis Blyth; Sharpe, Cat. B. Brit. Mus.
iii. p. 79 (1877).

a. ♀ ad. South-west Yunnan, April 1899.

Iris red. Total length 14 inches.

4. *CHIBIA HOTTENTOTTA*.

Chibia hottentotta (Linn.); Sharpe, Cat. B. Brit. Mus. iii.
p. 235 (1877).

a. Ad. Man-see, South-west Yunnan, April 1899.

Iris dark brown. Total length 12 inches.

5. *BUCHANGA ATRA*.

Buchanga atra (Herm.); Sharpe, Cat. B. Brit. Mus. iii.
p. 246 (1877).

Dicrurus cathæcus Swinh.; David & Oustal. Ois. Chine,
p. 108 (1877).

a. ♂ ad. Ching-tung, Yunnan, 8 March, 1899.

Iris black. Total length 12 inches.

6. *BUCHANGA CINERACEA*.

Buchanga cineracea (Horsf.); Sharpe, Cat. B. Brit. Mus.
iii. p. 350 (1877).

Buchanga mouhoti Walden; David & Oustal. Ois. Chine,
p. 109 (1877).

a. ♂ ad. Ching-tung, Yunnan, 4 March, 1899.

Iris brown. Total length 12 inches.

7. BHRINGA REMIFER.

Bhringa remifer (Temm.); Sharpe, Cat. B. Brit. Mus. iii. p. 257 (1877).

a. Ad. South-west Yunnan, April 1899.

Iris brown. Total length 21 inches.

8. POLIOPSAR MALABARICUS.

Poliopsar malabaricus (Gm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 48 (1890).

a, b. ♂ ♀ ad. Wei-yüan, east of Upper Mekong River, South Yunnan, 15 March, 1899.

c, d. ♂ ♀ ad. South-west Yunnan, April 1899.

a, b, d. Iris white. Total length $7\frac{3}{4}$ inches.

c. Iris greenish blue. Total length 8 inches.

9. ACRIDOTHERES CRISTATELLUS.

Acridotheres cristatellus (Gm.); David & Oustal. Ois. Chine, p. 364, pl. 86 (1877); Sharpe, Cat. B. Brit. Mus. xiii. p. 92 (1890).

a. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 8 December, 1898.

Iris yellow. Total length 10 inches.

10. ACRIDOTHERES TRISTIS.

Acridotheres tristis (Linn.); Sharpe, Cat. B. Brit. Mus. xiii. p. 80 (1890).

a. ♂ ad. Near Mông-sen, South Yunnan, 24 March, 1899.

Iris white. Total length 11 inches.

11. GRACULIPICA NIGRICOLLIS.

Graculipica nigricollis (Payk.); David & Oustal. Ois. Chine, p. 364 (1877).

Graculipica nigricollis (Payk.); Sharpe, Cat. B. Brit. Mus. xiii. p. 77 (1890).

a. ♀ ad. South-west Yunnan, April 1899.

Iris dark brown. Total length 11 inches.

12. ORIOLUS TENUIROSTRIS.

Oriolus tenuirostris Blyth; Sharpe, Cat. B. Brit. Mus. iii. p. 198 (1877).

a. ♂ ad. East of Yunnan city, East Yunnan, 1 February, 1899.

Iris red. Total length 10 inches.

13. *UROLONCHA SQUAMICOLLIS.*

Munia acuticauda David & Oustal. (nec Hodgs.) Ois. Chine, p. 343 (1877).

Uroloncha squamicollis, Sharpe, Cat. B. Brit. Mus. xiii. p. 359 (1890).

a. ♂ ad. Near Kwei-yang, Kweichu, 7 January, 1899.

Iris red-brown. Total length 5 inches.

14. *SPORÆGINTHUS AMANDAVA.*

Sporæginthus amandava (Linn.); Sharpe, Cat. B. Brit. Mus. xiii. p. 320 (1890).

a. ♂ imm. South-west Yunnan, April 1899.

Iris yellow-brown. Total length 4½ inches.

b. ♀ imm. Mōng-kou, near Ma-li-pa, South Yunnan, April 1899.

15. *EOPHONA MELANURA.*

Eophona melanura (Gm.); David & Oustal. Ois. Chine, p. 347, pl. 92 (1877); Sharpe, Cat. B. Brit. Mus. xii. p. 28 (1888).

a. ♀ ad. East of Yunnan city, East Yunnan, 23 February, 1899.

Iris yellow-brown. Total length 8 inches.

16. *CHLORIS SINICA.*

Chlorospiza sinica (Linn.); David & Oustal. Ois. Chine, p. 338 (1877).

Chloris sinica Sharpe, Cat. B. Brit. Mus. xii. p. 26 (1888).

a, b. ♂ [♀] ad. Yuan-chu, Wu-ho River, West Hunan, 22 December, 1898.

Iris dark brown. Total length 5 inches.

17. *EMBERIZA PUSILLA.*

Emberiza pusilla Pall.; David & Oustal. Ois. Chine, p. 323 (1877); Sharpe, Cat. B. Brit. Mus. xii. p. 487 (1888).

a. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 15 December, 1898.

Iris dark brown. Total length 5 inches.

18. *EMBERIZA SPODOCEPHALA*.

Emberiza spodocephala Pall. ; David & Oustal. Ois. Chine, p. 329 (1877) ; Sharpe, Cat. B. Brit. Mus. xii. p. 522 (1888).

a. Ad. Chien-yang, Yuan River, South-west Hunan, 9 December, 1898.

Iris dark brown. Total length $5\frac{1}{2}$ inches.

19. *EMBERIZA ELEGANS*.

Emberiza elegans Temm. ; David & Oustal. Ois. Chine, p. 322 (1877) ; Sharpe, Cat. B. Brit. Mus. xii. p. 497 (1888).

a. ♂ ad. Ching-tung, Yunnan, 4 March, 1899.

Iris dark brown. Total length 6 inches.

20. *EMBERIZA CIOIDES*.

Emberiza cioides Brandt ; David & Oustal. Ois. Chine, p. 328 (1877) ; Sharpe, Cat. B. Brit. Mus. xii. p. 542 (1888).

a. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 8 December, 1898.

Iris dark brown. Total length 6 inches.

21. *MELOPHUS MELANICTERUS*.

Melophus melanicterus (Gm.) ; David & Oustal. Ois. Chine, p. 333 (1877) ; Sharpe, Cat. B. Brit. Mus. xii. p. 568 (1888).

a. ♂ imm. Wei-yüan, Upper Mekong River, South Yunnan, 13 March, 1899.

b. ♂ ad. Möng-sen, South Yunnan, 26 March, 1899.

a. Iris brown. Total length 7 inches.

22. *ALAUDA GULGULA*.

Alauda calivox Swinh. ; David & Oustal. Ois. Chine, p. 314 (1877).

Alauda gulgula Frankl. ; Sharpe, Cat. B. Brit. Mus. xiii. p. 575 (1890).

a. ♂ ad. Near Pu-an-ting, South-west Kweichu, 28 January, 1899.

Iris brown. Total length 6 inches.

23. MOTACILLA LEUCOPSIS.

Motacilla alboides Hodgs. ; David & Oustal. Ois. Chine, p. 298 (1877).

Motacilla leucopsis Gould ; Sharpe, Cat. B. Brit. Mus. x. p. 482 (1885).

a. ♂ ad. Yuan River, near Lake Tung-ting, Huuan, 28 November, 1898.

Iris black. Total length 8 inches.

24. MOTACILLA MELANOPE.

Calobates melanope (Pall.) ; David & Oustal. Ois. Chine, p. 302 (1877).

Motacilla melanope Pall. ; Sharpe, Cat. B. Brit. Mus. x. p. 497 (1885).

a. ♂ ad. Near Yunnan city, East Yunnan, 7 February, 1899.

Iris black. Total length 8 inches.

25. MOTACILLA CITREOLA.

Budytes citreolus (Pall.) ; David & Oustal. Ois. Chine, p. 304 (1877).

Motacilla citreola Pall. ; Sharpe, Cat. B. Brit. Mus. x. p. 503 (1885).

a. ♂ ad. South-western Yunnan, April 1899.

Iris black. Total length 8 inches.

26. SITTA YUNNANENSIS.

Sitta yunnanensis Grant, Bull. B. O. C. vol. x. p. xxxvii (1900).

Adult male. Most nearly allied to *S. montium* La Touche, from which it is at once distinguished by its much more slender bill and the entire absence of chestnut from the sides, flanks, and under tail-coverts, which are uniform greyish buff, like the rest of the underparts. Iris brown. Total length in the flesh 4·5 inches, culmen 0·65, wing 2·8, tail 1·5, tarsus 0·65.

a. ♂ ad. Wei-yüan, Southern Yunnan, 12 March, 1899.
[*Type of the species.*]

27. *SITTA MAGNA*.

Sitta magna Wardlaw Ramsay ; Gadow, Cat. B. Brit. Mus. viii. p. 345 (1883).

a. ♂ ad. Wei-yüan, S. Yunnan, 19 March, 1899.

Iris dark brown. Total length 8 inches.

There is a fine adult male of this very rare Nuthatch from Wei-yüan, which differs somewhat from the only male specimen in the British Museum. In addition to the female type obtained by Major Wardlaw Ramsay from Karen-nee, the collection now possesses a pair of *S. magna* obtained at Kalaw, South Shan States, in May, by Major G. Rippon ; both male and female have the basal half of the lower mandible white. The type female killed in January resembles the female from Kalaw, but the white on the base of the mandible is much less defined and suffused with dusky horn-colour. Capt. Wingate's bird, shot in March, has the bill blackish horn, with hardly a trace of whitish mottling towards the base of the lower mandible ; the culmen, measuring 1.32 inch, is, moreover, somewhat longer than that of the type, which, though the largest of the three specimens in the collection, has a culmen measuring only 1.25 inch. There can be little doubt that the bird before us is a fully adult male of *S. magna* ; the difference in the colour of the mandible is probably seasonal, the white base denoting the breeding bird.

28. *ÆTHOPYGA SANGUINIPECTUS*.

Æthopyga sanguinipectus Walden ; Gadow, Cat. B. Brit. Mus. ix. p. 27 (1884).

a. ♂ ad. Man-lo, near Mōng-sen, Southern Yunnan, 22 March, 1899.

Iris brown. Total length 6 inches.

29. *ÆTHOPYGA DABRYI*.

Æthopyga dabryi (Verr.) ; David & Oustal. Ois. Chine, p. 80, pl. 11 (1877) ; Gadow, Cat. B. Brit. Mus. ix. p. 28 (1884).

a. ♂ ad. Nan-an-chu, near Yunnan city, E. Yunnan, 28 February, 1899.

b. ♂ ad. Wo-ka-chu, I-men, E. Yunnan, 3 March, 1899.

c. ♀ ad. Man-lo, near Mōng-sen, S. Yunnan, 22 March, 1899.

Iris brown. Total length 6 inches (a), 4 inches (c).

30. *DICÆUM IGNIPECTUS*.

Myzanthé ignipectus (Hodgs.); David & Oustal. Ois. Chine, p. 84 (1877).

Dicæum ignipectus (Hodgs.); Sharpe, Cat. B. Brit. Mus. x. p. 41 (1885).

a. ♂ ad. Ching-tung, Yunnan, 5 March, 1899.

Iris brown. Total length $3\frac{1}{2}$ inches.

31. *PARUS MINOR*.

Parus minor Temm. & Schleg.; David & Oustal. Ois. Chine, p. 278 (1877); Gadow, Cat. B. Brit. Mus. viii. p. 15 (1883).

a. ♂ ad. Nan-an-chow, near Yunnan city, E. Yunnan, 27 February, 1899.

Iris black. Total length 6 inches.

32. *PARUS CINEREUS*.

Parus cinereus Bonn.; David & Oustal. Ois. Chine, p. 279 (1877); Gadow, Cat. B. Brit. Mus. viii. p. 16 (1883).

a. ♂ ad. Chen-chi, Yuan River, Western Hunan, 5 December, 1898.

b. Ad. Yu-ping, near Yuan-chu, Wu-ho River, Western Hunan, 23 December, 1898.

Iris dark brown. Total length $5\frac{1}{2}$ inches.

33. *PTERERYTHRIUS ÆRALATUS*.

Ptererythrius æralatus Tick.; Gadow, Cat. B. Brit. Mus. viii. p. 114 (1883).

a. [♂] ad. (apparently an adult female). En-lo-lsien, near Ching-tung, Yunnan, 11 March, 1899.

Iris brown. Total length 7 inches.

34. *LANIUS SCHACH*.

Lanius schach Linn.; David & Oustal. Ois. Chine, p. 95 pl. 75 (1877); Gadow, Cat. B. Brit. Mus. viii. p. 261 (1883).

a. ♂ ad. Tao-yüan, Yuan River, Hunan, 22 November, 1898.

b. ♂ ad. Chien-yang, Yuan River, Hunan, 9 December, 1898.

Iris brown. Total length 11 inches.

35. *LANIUS TEPHRONOTUS*.

Lanius tephronotus (Vig.); David & Oustal. Ois. Chine, p. 94 (1877); Gadow, Cat. B. Brit. Mus. viii. p. 260 (1883).

a. ♂ imm. Near Yunnan city, East Yunnan, 7 February, 1899.

Iris dark brown. Total length 9 inches.

36. *LANIUS NIGRICEPS*.

Lanius nigriceps Frankl.; David & Oustal. Ois. Chine, p. 95 (1877); Gadow, Cat. B. Brit. Mus. viii. p. 268 (1883).

a. ♂ ad. Near Yunnan city, East Yunnan, 23 February, 1899.

b. ♀ ad. Near Yunnan city, East Yunnan, 24 February, 1899.

c. Ad. Near Yunnan city, East Yunnan, 27 February, 1899.

d. ♂ ad. Ching-tung, Yunnan, 5 March, 1899.

Iris dark brown. Total length 10 inches.

37. *LANIUS COLLYRIOIDES*.

Lanius collyrioides Less.; Gadow, Cat. B. Brit. Mus. viii. p. 289 (1883).

a. ♂ ad. Mōng-kon, near Ma-li-pa, South Yunnan, April 1899.

Iris dark brown. Total length 8 inches.

38. *PHYLLOSCOPUS SUBAFFINIS*.

Phylloscopus affinis Styan (nec Tick.), Ibis, 1889, p. 444 (Lushan Hills, near Kiukiang); Slater, Ibis, 1897, p. 170 (Kuatun).

Luscinola schwarzi Styan (nec Radde), Ibis, 1891, p. 339 (Kiukiang).

Phylloscopus subaffinis Grant, Bull. B.O.C. vol. x. p. xxxvii (1900).

Adult. Differs from *P. affinis* Tick. in having the terminal half of the lower mandible, as well as the legs and feet, very

dark horn-brown. The underparts are strongly washed with dull fulvous, the clear yellow of the underparts, so conspicuous in *P. affinis*, being merely indicated on the middle of the breast and belly. It resembles *P. affinis* in the shape of the wing, the second primary being about equal to the tenth. Iris black. Total length (in flesh) 4·5 inches, culmen 0·5, wing 1·95–2·05, tail 1·8, tarsus 0·75.

a, b. ♂ ♀ ad. Pu-an-ting, South-west Kweichu, 27 January, 1899. [*Types of the species.*]

39. PHYLLOSCOPUS PROREGULUS.

Reguloides proregulus (Pall.); David & Oustal. Ois. Chine, p. 274 (1877).

Phylloscopus proregulus (Pall.); Seebohm, Cat. B. Brit. Mus. v. p. 71 (1881).

a. ♂ ad. Near Yunnan city, East Yunnan, 7 February, 1899.

Iris black. Total length 3½ inches.

40. MEGALURUS PALUSTRIS.

Megalurus palustris Horsf.; Sharpe, Cat. B. Brit. Mus. vii. p. 123 (1883).

a. ♂ ad. Ching-tung, Yunnan, 8 March, 1899.

b. ♂ ad. Mōng-sen, near Ma-l'-pa, South Yunnan, 29 March, 1899.

a. Iris yellow-brown. Total length 11 inches.

b. Iris yellow. Total length 12 inches.

41. SUYA CRINIGERA.

Suya striata (Swinh.); David & Oustal. Ois. Chine, p. 258, pl. 18 (1877).

Suya crinigera Hodgs.; Sharpe, Cat. B. Brit. Mus. vii. p. 177 (1883).

a. Ad. Chen-chi, Yuan River, West Hunan, 4 December, 1898.

b. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 13 December 1898.

c, d. ♂ ♀ ad. Yuan-chu, Wu-ho River, West Hunan, 16 December, 1898.

Iris yellow-brown. Total length (*a*, *d*) 6 inches, (*b*, *c*) 7 inches.

42. *CISTICOLA GRACILIS*.

Cisticola gracilis (Frankl.); Sharpe, Cat. B. Brit. Mus. vii. p. 253 (1883).

a. ♂ ad. Ching-tung, Yunnan, 9 March, 1899.

Iris brown. Total length 5 inches.

43. *TURDUS FUSCATUS*.

Turdus fuscata Pail.; David & Oustal. Ois. Chine, p. 155 (1877).

Merula fuscata (Pall.); Seebohm, Cat. B. Brit. Mus. v. p. 262 (1881).

a. ♂ ad. Near Pu-an-ting, West Kweichu, 29 January, 1899.

Iris dark brown. Total length 10 inches.

44. *MONTICOLA CYANUS*.

Monticola cyanea (Linn.); David & Oustal. Ois. Chine, p. 163 (1877); Seebohm, Cat. B. Brit. Mus. v. p. 316 (1881).

a. [♂] ad. Near Yunnan city, East Yunnan, 29 February, 1899.

b. ♂ ad. Near Mōng-sen, South Yunnan, 22 March, 1899.

Iris dark brown. Total length 9 inches.

45. *PRATINCOLA MAURA*.

Pratincola indica Blyth; David & Oustal. Ois. Chine, p. 167 (1877).

Pratincola maura (Pall.); Sharpe, Cat. B. Brit. Mus. iv. p. 188 (1879).

a. ♂ ad. Chen-ning, South Kweichu, 18 January, 1899.

b. ♀ ad. Near Pu-au-ting, South-west Kweichu, 29 January, 1899.

c. ♂ ad. Near Mōng-sen, South Yunnan, 29 March, 1899.

Iris dark brown. Total length 5-5.5 inches.

46. *PRATINCOLA CAPRATA*.

Pratincola caprata (Linn.); Sharpe, Cat. B. Brit. Mus. iv. p. 195 (1879).

- a.* ♂ ad. Ching-tung, Yunnan, 8 March, 1899.
b. ♀ ad. Ching-tung, Yunnan, 9 March, 1899.
c. ♂ ad. Wei-yüan, South Yunnan, 13 March, 1899.
 Iris dark brown. Total length 5.5–5.75 inches.

47. *OREICOLA FERREA.*

Pratincola ferrea (Hodgs.); David & Oustal. Ois. Chine, p. 168 (1877).

Oreicola ferrea (Hodgs.); Sharpe, Cat. B. Brit. Mus. iv. p. 266 (1879).

a. ♂ ad. Near Yunnan city, East Yunnan, 29 February, 1899.

Iris dark brown. Total length $5\frac{1}{2}$ inches.

48. *RUTICILLA FRONTALIS.*

Ruticilla frontalis (Vig.); David & Oustal. Ois. Chine, p. 168 (1877); Seebohm, Cat. B. Brit. Mus. v. p. 349 (1881).

a. ♂ ad. Near Pu-an-ting, South-west Kweichu, 29 January, 1899.

Iris dark brown. Total length 6 inches.

49. *RUTICILLA AUREORA.*

Ruticilla aureora (Gm.); David & Oustal. Ois. Chine, p. 170, pl. 26 (1877); Seebohm, Cat. B. Brit. Mus. v. p. 345 (1881).

a. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 13 December, 1898.

b. ♂ ad. Near Yuan-chu, Wu-ho River, West Hunan, 23 December, 1898.

Iris dark brown. Total length 6 inches.

50. *CHIMARRHORNIS LEUCOCEPHALA.*

Chæmarrhornis leucocephala (Vig.); David & Oustal. Ois. Chine, p. 173, pl. 24 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 47 (1883).

a. ♀ ad. Yuan River, near Lake Tung-ting, Hunan, 29 November, 1898.

b. ♂ ad. Chen-chu, Yuan River, West Hunan, 7 December, 1898.

Iris dark brown. Total length 8 inches.

51. MYIOPHONEUS CÆRULEUS.

Myiophoneus cæruleus (Scop.); David & Oustal. Ois. Chine, p. 176, pl. 43 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 9 (1883).

a. ♂ ad. Near Kuei-yang, Kweichu, 7 January, 1899.
Iris brown. Total length 12 inches.

52. COPSYCHUS SAULARIS.

Copsychus saularis (Linn.); David & Oustal. Ois. Chine, p. 174 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 61 (1883).

a, b. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 2 December, 1898.

53. HENICURUS SINENSIS.

Henicurus sinensis Gould; David & Oustal. Ois. Chine, p. 295, pl. 37 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 313 (1883).

a. ♂ ad. Near Yunnan city, East Yunnan, 23 February, 1899.

Iris black. Total length 11 inches.

54. BABAX LANCEOLATUS.

Babax lanceolatus (J. Verr.); David & Oustal. Ois. Chine, p. 188, pl. 51 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 352 (1883).

a. ♂ ad. Yuan-chu, Yuan River, West Hunan, 20 December, 1899.

Iris yellow. Total length 10 inches.

Capt. Wingate's collection contains a very fine male of this rare species.

55. MALACIAS DESGODINSI.

Sibia desgodinsi David & Oustal. Ois. Chine, p. 556 (1877).
Malacias desgodinsi Sharpe, Cat. B. Brit. Mus. vii. p. 406 (1883).

a. ♂ ad. Wei-yüan, South Yunnan, 19 March, 1899.

b. ♀ ad. Near Mōng-sen, South Yunnan, 21 March, 1899.

Iris brown. Total length $9\frac{3}{4}$ inches.

This species is new to the British Museum.

56. *POMATORHINUS STRIDULUS*.

Pomatorhinus stridulus Swinhoe, Ibis, 1861, p. 265 ; Seebohm, Ibis, 1884, p. 264.

Pomatorhinus ruficollis Sharpe, Cat. B. Brit. Mus. vii. p. 426 (1883) [part.].

a. ♂ ad. Ching-tung, Yunnan, 5 March, 1899.

b, c. ♂ ad. Mōng-kou, near Ma-li-pa, South Yunnan, 1 April, 1899.

The three specimens mentioned above are referred to this species with some doubt.

Specimen *a* differs from *b* and *c* in having scarcely any trace of white on the middle of the breast and the entire belly dull olive-brown. In *b* and *c*, especially in the former, the greater part of the breast, as well as the middle of the belly, is white. This difference is probably due to age, for some specimens of *P. ruficollis* show much more white on the underparts than others, and are probably very old birds. The following are the measurements:—

a. Wing 3·0 inches, tail 3·4.

b. „ 3·25 „ „ 3·6.

c. „ 3·3 „ „ 3·65.

Typical examples of *P. ruficollis* from India measure:—
Wing 3·2 inches, tail 3·5.

57. *POMATORHINUS GRAVIVOX*.

Pomatorhinus gravivox David ; David & Oustal. Ois. Chine, p. 183, pl. 49 (1877) ; Seebohm, Ibis, 1891, p. 373.

a. ♂ ad. Near Yunnan city, East Yunnan, 6 February, 1899.

b. ♀ ad. South-western Yunnan, April 1899.

Iris yellow. Total length 10 inches (*a*), 9½ inches (*b*).

58. *GARRULAX LEUCOLOPHUS*.

Garrulax leucolophus (Hardw.) ; Sharpe, Cat. B. Brit. Mus. vii. p. 435 (1883).

a. ♀ ad. Mōng-kou, near Ma-li-pa, South Yunnan, April 1899.

Iris brown. Total length 11 inches.

59. DRYONASTES PERSPICILLATUS.

Garrulax perspicillatus (Gm.); David & Oustal. Ois. Chine, p. 191, pl. 52 (1877).

Dryonastes perspicillatus (Gm.); Sharpe, Cat. B. Brit. Mus. vii. p. 458 (1883).

a. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 8 December, 1898.

Iris dark brown. Total length 12 inches.

60. DRYONASTES SANNIO.

Garrulax sannio Swinh.; David & Oustal. Ois. Chine, p. 192 (1877).

Dryonastes sannio (Swinh.); Sharpe, Cat. B. Brit. Mus. vii. p. 459 (1883).

a. Ad. Near Chen-chi, Yuan River, West Hunan, 6 December, 1898.

b. Ad. Chien-yang, Yuan River, South-west Hunan, 12 December, 1898.

a. Iris brown.

b. Iris dark brown. } Total length 10 inches.

61. SUTHORA WEBBIANA.

Suthora webbiana Gray; David & Oustal. Ois. Chine, p. 208 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 490 (1883).

a. ♂ ad. Chen-chi, Yuan River, West Hunan, 5 December, 1898.

Iris black. Total length 5 inches.

62. PYCTORHIS SINENSIS.

Pyctorhis sinensis (Gm.); Sharpe, Cat. B. Brit. Mus. vii. p. 510 (1883).

a. ♂ ad. Ching-tung, Yunnan, 9 March, 1899.

Iris yellow. Total length $7\frac{1}{2}$ inches.

63. STACHYRIDOPSIS RUFICEPS.

Stachyris præcognitus David & Oustal. (nec Swinh.) Ois. Chine, p. 224 (1877).

Stachyridopsis ruficeps (Blyth); Sharpe, Cat. B. Brit. Mus. vii. p. 598 (1883); Grant, P. Z. S. 1900, p. 476.

a. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 16 December, 1898.

Iris yellow. Total length 4 inches.

This specimen belongs to the Chinese race of *S. ruficeps*, with the top of the head pale chestnut-red, the colour not extending over the nape.

64. *SCHENIPARUS GENESTIERI*.

Alcippe genestieri Oustalet, Bull. Mus. Paris, iii. pp. 210 & 211 (1897).

Schœniparus variegatus Styan, Bull. B. O. C. vol. viii. p. xxvi (1899); id. Ibis, 1899, p. 299, pl. iv. fig. 2.

a, b. ♂ ad. Pu-an-ting, South-west Kweichu, 25 January, 1899.

Iris yellow. Total length 6 inches.

There can be no doubt that *S. variegatus* Styan is synonymous with *S. genestieri* (Oustal.).

65. *PROPARUS BIETI*.

Alcippe (Proparus) bieti Oustalet, Ann. Sci. Nat., Zool. (7) xii. pp. 284 & 304 (1892) [Ta-t sien-lu].

a. ♂ ad. Near Ching-tung, Yunnan, 4 March, 1899.

Iris brown. Total length 5 inches.

This species is new to the British Museum Collection.

66. *YUHINA DIADEMATA*.

Yuhina diademata J. Verr. ; David & Oustal. Ois. Chine, p. 138, pl. 69 (1877); Sharpe, Cat. B. Brit. Mus. vii. p. 632 (1883).

a. ♂ ad. Near Yunnan city, East Yunnan, 23 February, 1899.

Iris brown. Total length 7 inches.

67. *SIVA CASTANEICAUDA*.

Siva castaneicauda Hume ; Sharpe, Cat. B. Brit. Mus. vii. p. 639 (1883).

a. ♂ ad. Between Ching-tung and I-men, Yunnan, 3 March, 1899.

Iris brown. Total length 6½ inches.

68. *SIVA WINGATEI*.

Siva wingatei Grant, Bull. B. O. C. vol. x. p. xxxviii (1900).

a. ♂ ad. Near Yunnan city, East Yunnan, 27 February, 1899. [*Type of the species.*]

Adult male. Closely allied to both *S. cyanuroptera* Hodgs. and *S. sordida* Hume. It resembles both in the general colour of the upper parts, the grey of the head and neck shading into olive-brown on the back and fulvous on the rump and upper tail-coverts. It further resembles *S. cyanuroptera* and differs from *S. sordida* in having the chin, throat, sides, and flanks washed with vinous-grey. It differs from *S. cyanuroptera* and resembles *S. sordida* in having no white tips to the bastard-wing feathers. It differs from both in having only the inner webs of the outer pair of tail-feathers white to the tip; moreover, the feathers on the forehead, lores, and chin are strongly washed with rusty pink, though it is just possible that this colour may be due to stain. Iris brown. Total length 6·0 inches, culmen 0·6, wing 2·5, tail 2·5, tarsus 0·9.

S. sordidior Sharpe, from the mountains of Perak, may be at once distinguished from this species by having the top of the head and back uniform earthy brown, and the rump and upper tail-coverts similar, but paler.

69. *CHLOROPSIS HARDWICKII*.

Chloropsis hardwickii, Jard. & Selby; Sharpe, Cat. B. Brit. Mus. vi. p. 18 (1883).

a. ♂ ad. Ching-tung, Yunnan, 5 March, 1899.

Iris yellowish brown. Total length $7\frac{1}{2}$ inches.

70. *HYPSSIPETES CONCOLOR*.

Hypsipetes yunanensis Anders.; David & Oustal. Ois. Chine, p. 137 (1877).

Hypsipetes concolor Blyth; Sharpe, Cat. B. Brit. Mus. vi. p. 38 (1883).

a. ♀ ad. Wei-yüan, South Yunnan, 15 March, 1899.

Iris brown. Total length 10 inches.

71. *HYPsipETES LEUCOCEPHALUS.*

Hypsipetes leucocephalus (Gm.); David & Oustal. Ois. Chine, p. 136, pl. 44 (1877); Sharpe, Cat. B. Brit. Mus. vi. p. 41 (1883).

a. ♂ ad. Near Möng-sen, South Yunnan, 22 March, 1899.
Iris dark brown. Total length $9\frac{1}{2}$ inches.

72. *HEMIXUS FLAVALA.*

Hemixus flava Hodgs.; Sharpe, Cat. B. Brit. Mus. vi. p. 49 (1883).

a. ♂ ad. Möng-kou, south of Ma-li-pa, South Yunnan, April 1899.

Iris brown. Total length $7\frac{1}{2}$ inches.

73. *PYCNONOTUS BURMANICUS.*

Pycnonotus burmanicus Sharpe, Cat. B. Brit. Mus. vi. p. 125 (1883).

a. Ad. South-west Yunnan, April 1899.

Iris dark brown. Total length 10 inches.

74. *PYCNONOTUS ATRICAPILLUS.*

Pycnonotus atricapillus (Vieill.); Sharpe, Cat. B. Brit. Mus. vi. p. 127 (1883).

a. ♂ ad. Ching-tung, Yunnan, 5 March, 1899.

b. ♂ ad. Möng-sen, South Yunnan, 23 March, 1899.

c. ♂ ad. Möng-sen, South Yunnan, 28 March, 1899.

Iris dark brown. Total length 9 inches.

75. *PYCNONOTUS XANTHORRHIOUS.*

Ixus xanthorrhous (Anders.); David & Oustal. Ois. Chine, p. 141, pl. 45 (1877).

Pycnonotus xanthorrhous Anders.; Sharpe, Cat. B. Brit. Mus. vi. p. 149 (1883).

a. ♂ ad. Above Yuan-chu, Wu-ho River, West Hunan, 24 December, 1898.

Iris brown. Total length 8 inches.

76. *SPIZIXUS SEMITORQUES.*

Spizixus semitorques Swinh.; David & Oustal. Ois. Chine, p. 143, pl. 47 (1877); Sharpe, Cat. B. Brit. Mus. vi. p. 173 (1883).

a. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 20 December, 1898.

Iris dark brown. Total length 8 inches.

77. *PERICROCOTUS BREVIROSTRIS.*

Pericrocotus brevirostris (Vig.); David & Oustal. Ois. Chine, p. 104, pl. 78 (1877); Sharpe, Cat. B. Brit. Mus. iv. p. 79 (1879).

a, b. ♂ ♀ ad. Near Yunnan city, East Yunnan, 22 February, 1899.

c. ♂ ad. Near Yunnan city, East Yunnan, 27 February, 1899.

Iris brown. Total length 8 inches.

78. *MUSCICAPULA MACULATA.*

Muscicapula maculata (Tick.); Sharpe, Cat. B. Brit. Mus. iv. p. 207 (1879).

a. ♂ ad. Ching-tung, Yunnan, 12 March, 1899.

Iris dark brown. Total length $4\frac{1}{2}$ inches.

79. *XANTHOPYGIA FULIGINOSA.*

Rhyacornis fuliginosa (Vig.); David & Oustal. Ois. Chine, p. 171, pl. 25 (1877).

Xanthopygia fuliginosa (Vig.); Sharpe, Cat. B. Brit. Mus. iv. p. 253 (1879).

a. ♀ ad. Yuan-chu, Wu-ho River, West Hunan, 6 December, 1898.

b. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 7 December, 1898.

Iris black. Total length, ♂ $5\frac{1}{2}$ inches, ♀ 5 inches.

80. *TARSIGER CYANURUS.*

Ianthia cyanura (Pall.); David & Oustal. Ois. Chine, p. 231, pl. 28 (1877).

Tarsiger cyanurus (Pall.); Sharpe, Cat. B. Brit. Mus. iv. p. 255 (1879).

a. ♀ ad. Pu-an-ting, South-west Kweichu, 25 January, 1899.

Iris dark brown. Total length 5 inches.

81. *STOPAROLA MELANOPS.*

Stoparola melanops (Vig.); David & Oustal. Ois. Chine, p. 116 (1877); Sharpe, Cat. B. Brit. Mus. iv. p. 438 (1879).
a, b. ♂ ad. Ching-tung, Yunnan, 12 March, 1899.
 Iris dark brown. Total length $6\frac{3}{4}$ inches.

82. *COTILE RUPESTRIS.*

Ptyoprocne rupestris (Scop.); David & Oustal. Ois. Chine, p. 129 (1877).
Cotile rupestris (Scop.); Sharpe, Cat. B. Brit. Mus. x. p. 109 (1885).
a, b. ♂ ad. Near Yunnan city, East Yunnan, 24 February, 1899.

Iris black. Total length 6 inches.

83. *GECINUS GUERINI.*

Gecinus guerini (Malh.); David & Oustal. Ois. Chine, p. 52 (1877); Hargitt, Cat. B. Brit. Mus. xviii. p. 55 (1890).
a. ♂ ad. Chien-yang, Yuan River, South-west Hunan, 12 December, 1898.

Iris white. Total length 12 inches.

84. *GECINUS CHLOROLOPHUS.*

Gecinus chlorolophus Vieill.; Hargitt, Cat. B. Brit. Mus. xviii. p. 59 (1890).
a. [♂] ad. South-west Yunnan, April 1899.
 Iris brown. Total length 11 inches.

85. *HYPOPICUS HYPERYTHRUS.*

Hypopicus hyperythrus (Vig.); Hargitt, Cat. B. Brit. Mus. xviii. p. 199 (1890).
a. ♂ ad. South-west Yunnan, April 1899.
 Iris red. Total length $8\frac{1}{2}$ inches.

86. *DENDROCOPUS CABANISI.*

Picus mandarinus Malh.; David & Oustal. Ois. Chine, p. 47 (1877).
Dendrocopus cabanisi (Mall.); Hargitt, Cat. B. Brit. Mus. xviii. p. 218 (1890).
a. [♂] ad. Yuan-chu, Wu-ho River, Western Hunan, 16 December, 1898.

b. ♀ ad. Pu-an-ting, South-west Kweichu, 25 January, 1899.

c, d. ♂ ad. Pu-an-ting, South-west Kweichu, 28 January, 1899.

e. ♂ ad. Near Yunnan city, East Yunnan, 6 February, 1899.

f. ♂ ad. Near Yunnan city, East Yunnan, 24 February, 1899.

Iris red. Total length 9 inches (*e*), 10 inches (*a, f*), 11 inches (*b, c, d*).

A female (*b*) and a male (*c*) have the lores and fore part of the forehead of a deep rust-red. The feathers are probably stained with some extraneous matter. Specimen *f* has the chest and breast wood-brown and of a much darker hue than any other specimen in the British Museum Collection, in *b* and *c* the colour of the chest is intermediate.

87. DENDROCOPUS ATRATUS.

Dendrocopus atratus (Blyth); Hargitt, Cat. B. Brit. Mus. xviii. p. 263 (1890).

a. ♂ ad. South-west Yunnan, April 1899.

Iris red. Total length 8 inches.

88. IYNGIPICUS SCINTILLICEPS.

Yungipicus scintilliceps (Swinh.); David & Oustal. Ois. Chine, p. 50, pl. 99 (1877).

Iyngipicus scintilliceps (Swinh.); Hargitt, Cat. B. Brit. Mus. xviii. p. 313 (1890).

a. ♂ ad. Near Yunnan city, East Yunnan, February 1899.

Iris brown. Total length 7 inches.

89. IYNGIPICUS PYGMÆUS.

Iyngipicus pygmæus (Vig.); Hargitt, Cat. B. Brit. Mus. xviii. p. 315 (1890).

a. ♀ ad. South-west Yunnan, April 1899.

Iris red. Total length 6 inches.

I refer this specimen with some doubt to *I. pygmæus*, from which it differs in having a slightly larger bill and in the general colour of the underparts, which lacks the fulvescent tinge.

90. *IYNX TORQUILLA*.

Yunx torquilla Linn. ; David & Oustal. Ois. Chine, p. 55 (1877).

Iynx torquilla (Linn.) ; Hargitt, Cat. B. Brit. Mus. xviii. p. 560 (1890).

a. ♂ ad. South-west Yunnan, 9 April, 1899.

Iris brown. Total length 7 inches.

91. *CYANOPS ASIATICA*.

Cyanops asiatica (Lath.) ; Shelley, Cat. B. Brit. Mus. xix. p. 62 (1891).

a, b. ♂ ad. Wei-yüan, Upper Mekong River, South Yunnan, 15 March, 1899.

Iris red-brown. Total length 9 inches.

92. *CUCULUS CANORUS*.

Cuculus canorus Linn. ; David & Oustal. Ois. Chine. p. 65 (1877) ; Shelley, Cat. B. Brit. Mus. xix. p. 245 (1891).

a. ♂ ad. South-west Yunnan, April 1899.

Iris yellow. Total length 14 inches.

93. *CHALCOCOCCYX MACULATUS*.

Chrysococcyx hodgsoni Horsf. & Moore ; David & Oustal. Ois. Chine, p. 62 (1877).

Chalcococcyx maculatus (Gm.) ; Shelley, Cat. B. Brit. Mus. xix. p. 291 (1891).

a. ♂ ad. South-west Yunnan, April 1899.

Iris red. Total length 7 inches.

94. *CENTROPUS SINENSIS*.

Centropus sinensis (Steph.) ; David & Oustal. Ois. Chine, p. 58 (1877) ; Shelley, Cat. B. Brit. Mus. xix. p. 343 (1891).

a. ♂ vix ad. Mōng-kou, south of Ma-li-pa, South-west Yunnan, 2 April, 1899.

Iris yellow-brown. Total length 21 inches.

95. *MEROPS VIRIDIS*.

Merops viridis Linn. ; Sharpe, Cat. B. Brit. Mus. xvii. p. 78 (1892).

a. ♂ ad. Ching-tung, Yunnan, 9 March, 1899.

Iris yellow-brown. Total length 10½ inches.

96. MELITTOPHAGUS SWINHOII.

Melittophagus swinhoii (Hume); Sharpe, Cat. B. Brit. Mus. xvii. p. 55 (1892).

a. ♂ ad. Near Mōng-sen, South Yunnan, 22 March, 1899.
Iris yellow-brown. Total length 9 inches.

97. CERYLE LUGUBRIS.

Ceryle lugubris (Temm.); David & Oustal. Ois. Chine, pl. 78, pl. 10 (1877); Sharpe, Cat. B. Brit. Mus. xvii. p. 115 (1892).

a. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 23 December, 1898.

b. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 24 December, 1898.

Iris dark brown. Total length 16 inches.

98. HALCYON SMYRNENSIS.

Entomobia smyrnensis (Linn.); David & Oustal. Ois. Chine, p. 76 (1877).

Halcyon smyrnensis (Linn.); Sharpe, Cat. B. Brit. Mus. xvii. p. 222 (1892).

a. ♂ ad. Mōng-kou, south of Ma-li-pa (Tawnio), South Yunan, 2 April, 1899.

Iris dark brown. Total length 12 inches.

99. CORACIAS AFFINIS.

Coracias affinis McClell.; Sharpe, Cat. B. Brit. Mus. xvii. p. 13 (1892).

a. ♂ ad. Ching-tung, Yunnan, 8 March, 1899.

Iris brown. Total length 14 inches.

100. PALÆORNIS FASCIATA.

Palæornis lathamii Finsch; David & Oustal. Ois. Chine, p. 2 (1877).

Palæornis fasciata (P. L. S. Müller); Salvad. Cat. B. Brit. Mus. xx. p. 464 (1891).

a. ♂ ad. South-west Yunnan, April 1899.

Iris yellowish brown. Total length 16 inches.

101. *PALÆORNIS SALVADORII*.

Palæornis derbyanus David & Oustal. (nec Fraser) Ois. Chine, p. 1, pl. 1 (1877).

Palæornis salvadorii Oustal. Bull. Soc. Zool. France, xviii. p. 20 (1893).

Palæornis derbyana salvadorii Rothsch. Bull. B. O. C. vol. viii. p. lvi (1899).

a. ♂ ad. Ching-tung, Yunnan, 13 March, 1899.

Iris yellow. Total length 20 inches (in flesh), wing 8, tail 10·3, tarsus 0·65.

Capt. Wingate's collection contains a fine adult male of this species. It is evident that *P. salvadorii* Oustal. is perfectly distinct from *P. derbyanus* Fraser. Among other distinctive characters of *P. salvadorii* may be mentioned the red upper mandible, the purple-blue of the underparts, uniform in colour with the crown, and the absence of the pale brownish-buff band bordering the hinder part of the head and cheeks, so distinctly shown in the figures given by Fraser, P. Z. S. 1850, pl. 25, and in Gould's 'Birds of Asia,' vi. pl. 9 (1858).

102. *GLAUCIDIUM WHITELYI*.

Glaucidium whiteyi (Blyth); Sharpe, Cat. B. Brit. Mus. ii. p. 222 (1875).

Athene whiteyi Blyth; David & Oustal. Ois. Chine, p. 38 pl. iv. (1877).

a. Ad. Near Chen-chi, Yuan River, West Hunan, 7 December, 1898.

b. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 16 December, 1898.

Iris yellow-green. Total length 10 inches (a), 11 inches (b).

103. *CIRCUS CYANEUS*.

Circus cyaneus (Linn.); Sharpe, Cat. B. Brit. Mus. i. p. 52 (1874); David & Oustal. Ois. Chine, p. 27 (1877).

a, b. ♂ ad. et imm. South-west Yunnan, April 1899.

Iris yellow. Total length 17 inches (a), 18 inches (b).

104. *ACCIPITER NISUS*.

Accipiter nisus (Linn.); Sharpe, Cat. B. Brit. Mus.

i. p. 132 (1874); David & Oustal. Ois. Chine, p. 27 (1877).

a. ♀ ad. South-west Yunnan, April 1899.

Iris yellow. Total length 16 inches.

105. *ELANUS CÆRULEUS.*

Elanus cæruleus (Desf.); Sharpe, Cat. B. Brit. Mus. i. p. 336 (1874); David & Oustal. Ois. Chine, p. 17 (1877).

a. ♂ ad. Near Yunnan city, East Yunnan, 6 February, 1899.

Iris red. Total length 12 inches.

106. *BUTEO PLUMIPES.*

Buteo plumipes (Hodgs.); Sharpe, Cat. B. Brit. Mus. i. p. 180, pl. vii. fig. 1 (1874).

Buteo japonicus (Temm.); David & Oustal. Ois. Chine, p. 19 (1877).

a. ♂ ad. Near Yunnan city, East Yunnan, 5 February, 1899.

Iris yellow. Total length 20 inches.

107. *CERCHNEIS SATURATA.*

Tinnunculus saturatus Blyth, J. A. S. Beng. xxviii. p. 277 (1859).

Cerchneis saturata Sharpe, Hand-l. B. i. p. 277 (1899).

a. ♀ ad. Yuan-chu, Wu-ho River, West Hunan, 23 December, 1898.

b. ♂ ad. Near Pu-an-ting, South-west Kweichu, 22 January, 1899.

c. ♂ ad. Near Yunnan city, East Yunnan, 6 February, 1899.

Specimens *b* and *c* have the top of the head, as well as the back and sides of the neck, very dark slate-grey, and are unlike any examples in the British Museum Collection; they are probably the adult males of Blyth's *T. saturata*, of which only the female was known. The measurements are, moreover, somewhat large.

♂. Total length (in flesh) 15 inches, wing 10, tail 6·8.

♀. Total length (in flesh) 14 inches, wing 9·9, tail 6·5.

Iris dark brown.

108. PHALACROCORAX CARBO.

Phalacrocorax carbo (Linn.); David & Oustal. Ois. Chine, p. 532 (1877); Grant, Cat. B. Brit. Mus. xxvi. p. 310, fig. 1 (1898).

a. ♂ ad. Yuan-chu, Wu-ho River, West Hunan, 22 December, 1898.

Iris blue. Total length 32 inches.

109. MERGANSER SQUAMATUS. (Plate XII.)

Merganser squamatus Gould; David & Oustal. Ois. Chine, p. 511 (1877); Salvad. Cat. B. Brit. Mus. xxvii. p. 478 (1895).

a, b. ♂ ♀ ad. Chien-yang, Yuan River, South-west Hunan, 9 December, 1898.

Iris dark brown.

This species was hitherto known only from an immature male described by Gould in 1864. Capt. Wingate having now procured an adult male and female of this splendid Merganser, I take the opportunity of giving the following description:—

Adult male. Resembles *M. castor* in having the head and neck black glossed with dark green; the chest and rest of the underparts white, washed with pale salmon-buff. It differs from *M. castor* and from all other species of the genus in having the black of the head continued down the middle of the back of the neck to the interscapular region, while the lower back and rump, as well as the longer feathers of the sides, flanks, and under tail-coverts, are white, with one or two narrow concentric black bands, producing an elegant scaled appearance. It resembles *M. serrator* in having two long crests, one situated on the occipital and the other on the nuchal region, the longest feathers of each measuring respectively 4·4 and 4·3 inches; and the exposed basal half of the outer webs of the secondaries and their coverts black, forming two black bars across the wing. From *M. serrator*, to which, perhaps, it is most nearly allied, it may be at once distinguished by the uniform colour of the chest, as well as

by the markings of the lower back, rump, flanks, and under tail-coverts.

Iris dark brown. Total length (in flesh) 24 inches, culmen—from feathers on forehead 2·2, from gape 2·7, wing 10·2, tail 4·3, tarsus 1·85.

Adult female. Closely resembles the female of *M. castor*, having the head and neck dark chestnut, with a long, full occipito-nuchal crest, the longest feather measuring 2·6 inches, and the chin and throat pure white.

Iris dark brown. Total length (in flesh) 24 inches, culmen—from feathers on forehead 1·85, from gape 2·4, wing 9·9, tail 3·9, tarsus 1·9.

110. *ÆX GALERICULATA.*

Aix galericulata (Linn.); David & Oustal. Ois. Chine, p. 501 (1877); Salvad. Cat. B. Brit. Mus. xxvii. p. 76 (1895).

a. ♂ ad. W. China.

b. ♀ ad. Near Kiu-kiang, 17 March, 1898 (e Mus. F. W. Styan).

These specimens were apparently presented to Capt. Wingate by Mr. Styan.

111. *GRAPTOCEPHALUS DAVISONI.*

Graptocephalus davisoni (Hume); Sharpe, Cat. B. Brit. Mus. xxvi. p. 14 (1898).

a. ♂ ad. South-west Yunnan, April 1899.

Iris yellowish brown. Total length 34 inches.

112. *CICONIA NIGRA.*

Ciconia nigra (Linn.); David & Oustal. Ois. Chine, p. 450 (1877); Sharpe, Cat. B. Brit. Mus. xxvi. p. 303 (1898).

a. ♂ ad. Near Ching-tung, Yunnan, 9 March, 1899.

Iris yellowish brown. Total length 45 inches.

113. *GRUS GRUS.*

Grus grus (Linn.); Sharpe, Cat. B. Brit. Mus. xxiii. p. 250 (1894).

a. ♂ ad. Near Yunnan city, East Yunnan, 7 February, 1899.

Iris red. Total length 46 inches.

114. *GRUS NIGRICOLLIS*.

Grus nigricollis Prjev. ; Sharpe, Cat. B. Brit. Mus. xxiii. p. 258 (1894).

a. ♂ ad. Near Yunnan city, East Yunnan, 1 February, 1899.

Iris yellow. Total length 46 inches.

115. *GARZETTA GARZETTA*.

Herodias garzetta (Linn.); David & Oustal. Ois. Chine, p. 440 (1877).

Garzetta garzetta (Linn.); Sharpe, Cat. B. Brit. Mus. xxvi. p. 118 (1898).

a. ♂ ad. Yuan-chu, Wu-ho River, West Yunnan, 17 December, 1898.

Iris yellow. Total length 28 inches.

116. *ARDEOLA BACCHUS*.

Ardeola prasinosceles Swinh. ; David & Oustal. Ois. Chine, p. 443 (1877).

Ardeola bacchus (Bp.); Sharpe, Cat. B. Brit. Mus. xxvi. p. 211 (1898).

a. ♂ imm. Near Yunnan city, East Yunnan, 7 February, 1898.

Iris yellow-green. Total length 19 inches.

117. *MICROSARCOPS CINEREUS*.

Chettusia cinerea (Blyth); David & Oustal. Ois. Chine, p. 422 (1877).

Microsarcops cinereus (Blyth); Sharpe, Cat. B. Brit. Mus. xxiv. p. 133 (1896).

a. ♂ ad. Near Yunnan city, East Yunnan, 7 February, 1899.

Iris brown. Total length 15 inches.

118. *ÆGIALITIS PLACIDUS*.

Ægialitis placidus (Gray); David & Oustal. Ois. Chine, p. 428 (1877); Sharpe, Cat. B. Brit. Mus. xxiv. p. 262 (1896).

a. Vix ad. Chien-yang, Yuan River, South-west Hunan, 14 December, 1898.

b. ♀ imm. Chien-yang, Yuan R., South-west Hunan, 15 December, 1898.

Iris dark brown. Total length 9 inches.

119. TRINGOIDES HYPOLEUCUS.

Tringoides hypoleucus (Linn.); David & Oustal. Ois. Chine, p. 467 (1877); Sharpe, Cat. B. Brit. Mus. xxiv. p. 456 (1896).

a. ♂ ad. Chien-yang, Yuan R., South-west Hunan, 13 December, 1898.

Iris dark brown. Total length 7 inches.

120. GALLINAGO GALLINAGO.

Gallinago scolopacina Bp.; David & Oustal. Ois. Chine, p. 478 (1877).

Gallinago gallinago (Linn.); Sharpe, Cat. B. Brit. Mus. xxiv. p. 633 (1893).

a, b. ♀ ad. Near Yunnan city, East Yunnan, 1 February, 1899.

Iris dark brown. Total length 10 inches.

121. LARUS GELASTES.

Larus gelastes Thienem.; Saunders, Cat. B. Brit. Mus. xxv. p. 230 (1893).

a. ♂ ad. S.W. corner of Lake Tung-ting, Hunan, 16 November, 1898.

Iris yellowish brown. Total length 16 inches.

Very common at Lake Tung-ting.

122. CARPOPHAGA BADIA.

Carpophaga badia (Raffl.); Salvad. Cat. B. Brit. Mus. xxi. p. 218 (1893).

a. Ad. South-west Yunnan, April 1899.

Iris white. Total length 18 inches.

123. FRANCOLINUS CHINENSIS.

Francolinus chinensis David & Oustal. Ois. Chine, p. 400 (1877); Grant, Cat. B. Brit. Mus. xxii. p. 136 (1893).

a. ♂ ad. Ching-tung, Yunnan, 8 March, 1899.

Iris brown. Total length 13 inches.

124. *ITHAGINIS SINENSIS.*

Ithaginis sinensis David; David & Oustal. Ois. Chine, p. 402, pl. 114 (1877); Grant, Cat. B. Brit. Mus. xxii. p. 270 (1893).

a. ♂ ad. Hing-ko-yu, Shen-si.

b. ♀ ad. Sung-pan, N.W. Sze-schuen, March 1897 (e Mus. F. W. Styan).

This species was not met with by Capt. Wingate; this pair were apparently presented to him by Mr. Styan.

125. *GENNÆUS NYCTHEMERUS.*

Euplocamus nycthemerus (Linn.); David & Oustal. Ois. Chine, p. 416 (1877).

Gennæus nycthemerus (Linn.); Grant, Cat. B. Brit. Mus. xxii. p. 307 (1893).

a. ♂ ad. South-east of Blâmo, South-western Yunnan, April 1899.

Iris yellow.

126. *PHASIANUS TORQUATUS.*

Phasianus torquatus Gm.; David & Oustal. Ois. Chine, p. 409 (1877); Grant, Cat. B. Brit. Mus. xxii. p. 331 (1893).

a, b. ♂ ♀ ad. Near Chen-chi, Yuan R., Hunan, 4 December, 1898.

a. Iris yellow. Total length 32 inches.

127. *CHRYSOLOPHUS AMHERSTIÆ.*

Thaumalea amherstiae (Leadb.); David & Oustal. Ois. Chine, p. 415, pl. 103 (1877).

Chrysolophus amherstiae (Leadb.); Grant, Cat. B. Brit. Mus. xxii. p. 342 (1898).

a. ♀ ad. Near Ching-tung, Yunnan, March 1899.

Iris yellow. Total length 25 inches.

128. *GALLUS GALLUS.*

Gallus ferrugineus (Gm.); David & Oustal. Ois. Chine, p. 420 (1877).

Gallus gallus (Linn.); Grant, Cat. B. Brit. Mus. xxii. p. 344 (1893).

a. ♂ ad. Wei-yüan, east of Upper Mekong R., South Yunnan, 15 March, 1899.

Iris red-brown. Total length 26 inches.